

FIG. 1

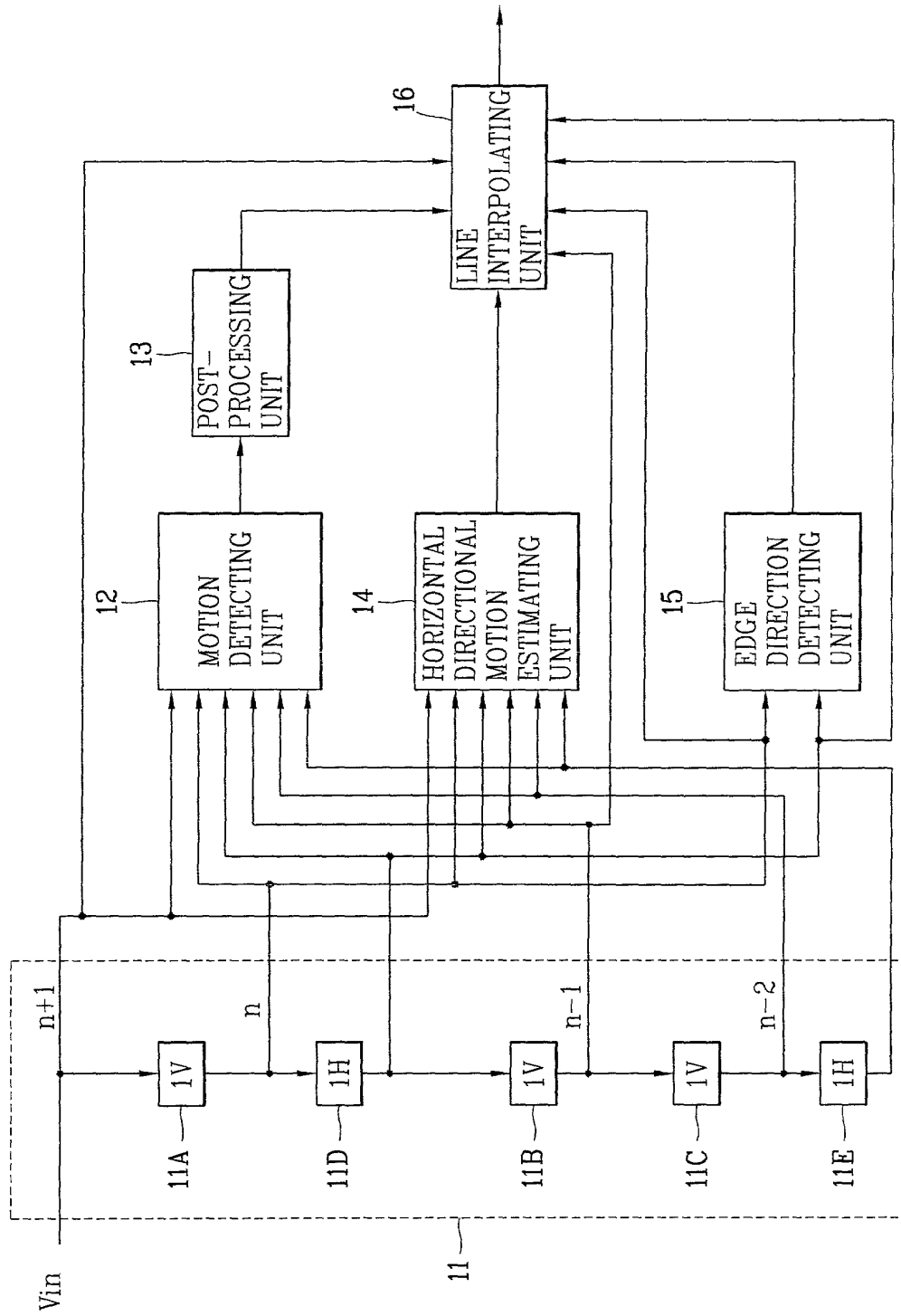


FIG. 2

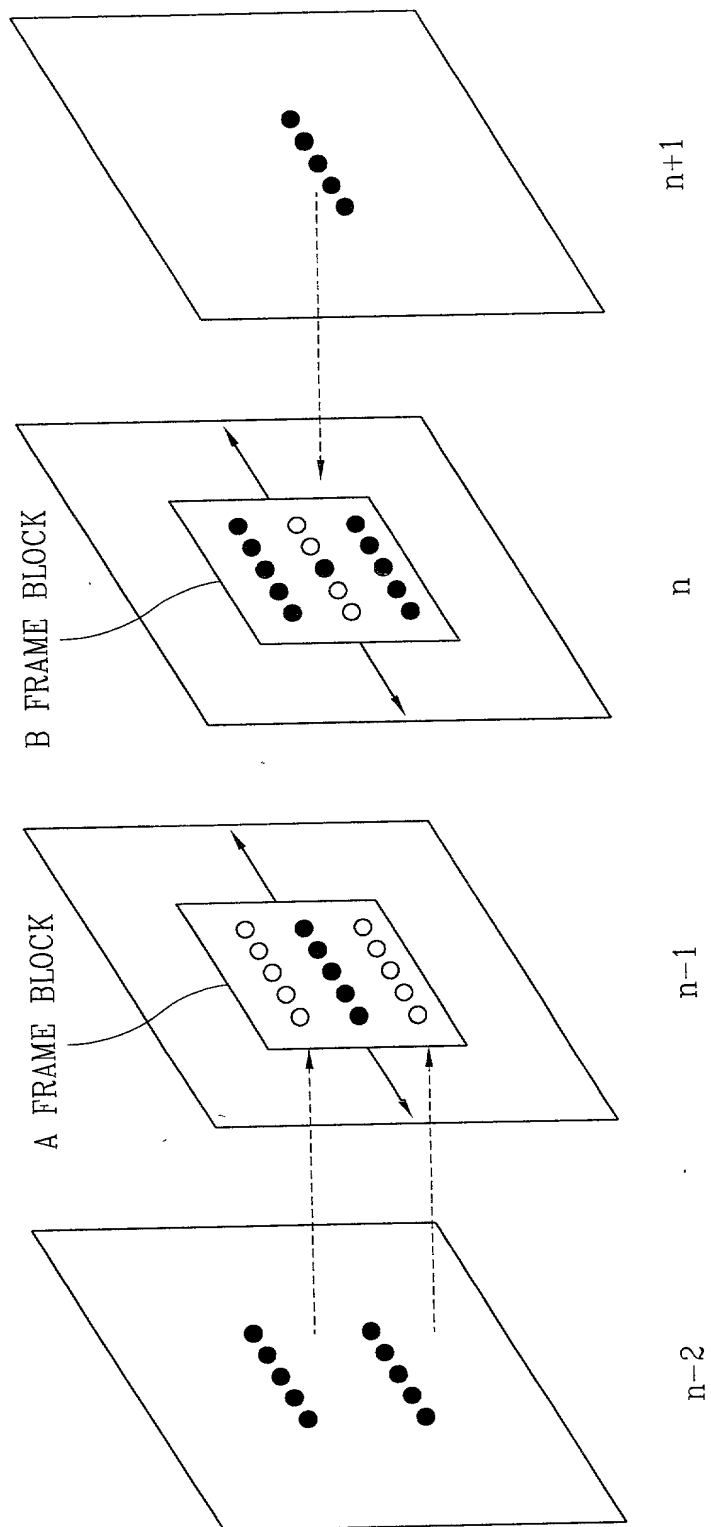


FIG. 3

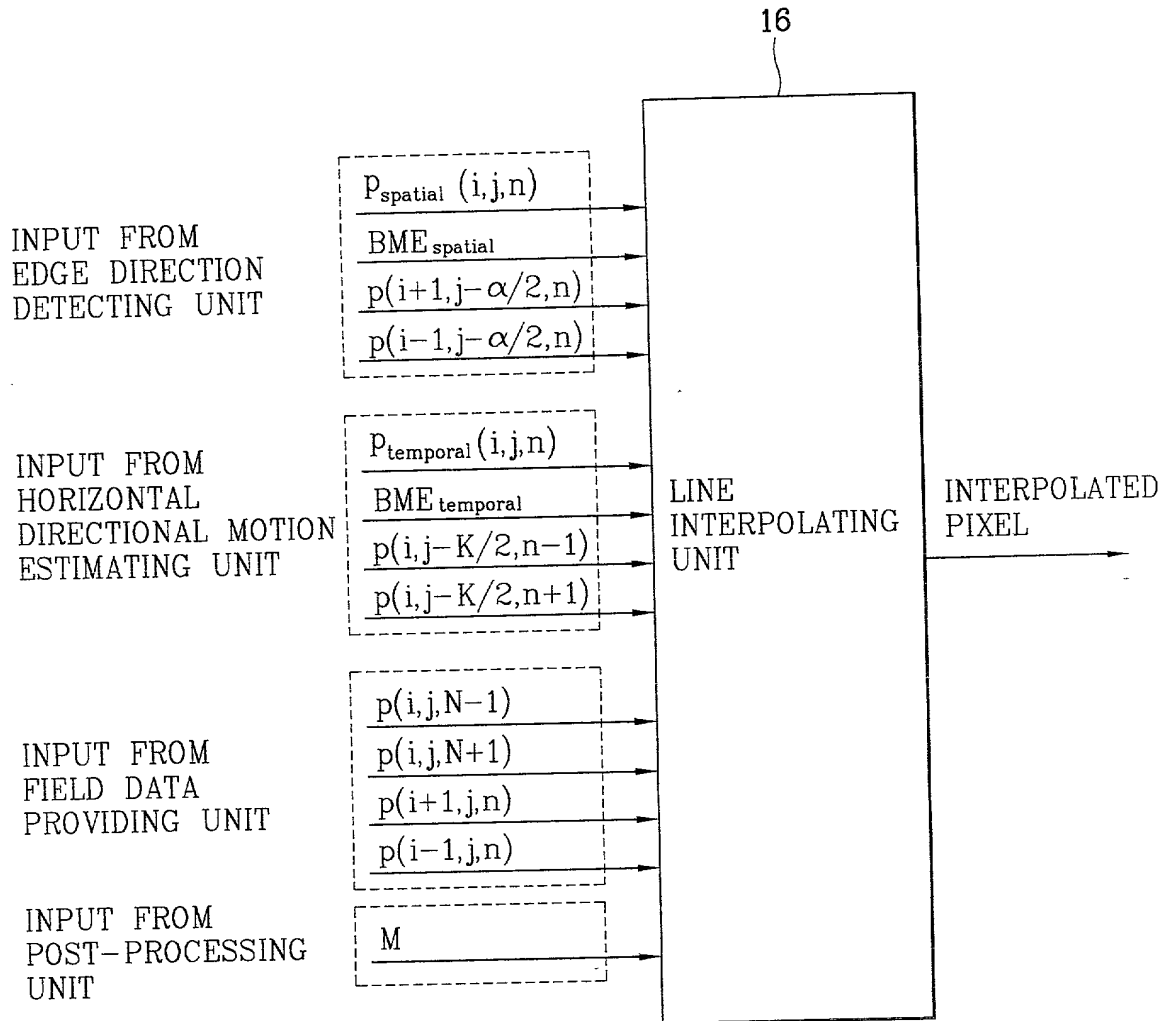


FIG. 4

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IF(BMEtemporal < BMEspatial) then
  IF{min(p(i+1,j,n),p(i-1,j,n)) ≤ ptemporal(i,j,n) ≤ max(p(i+1,j,n),p(i-1,j,n))} then
    pmoving(i,j,n) = ptemporal(i,j,n)
  ELSE IF{min(p(i+1,j-α/2,n),p(i-1,j+α/2,n)) ≤ ptemporal(i,j,n) ≤ max(p(i+1,j-α/2,n),p(i-1,j+α/2,n))} then
    IF(α < δ) then
      pmoving(i,j,n) = ptemporal(i,j,n)
    ELSE
      pmoving(i,j,n) = Median{p(i-1,j,n),ptemporal(i,j,n),p(i+1,j,n)}
    END IF
  ELSE
    median_pixel = Median{p(i,j-K/2,n-1),ptemporal(i,j,n),p(i,j+K/2,n+1),p(i+1,j-α/2,n),p(i-1,j+α/2,n)}
    mean_pixel = (median_pixel + pspatial(i,j,n))/2
    pmoving(i,j,n) = Median{p(i-1,j,n),mean_pixel,p(i+1,j,n)}
  END IF
ELSE
  IF{min(p(i+1,j,n),p(i-1,j,n)) ≤ pspatial(i,j,n) ≤ max(p(i+1,j,n),p(i-1,j,n))} then
    median_pixel = Median{p(i,j-K/2,n-1),pspatial(i,j,n),p(i,j+K/2,n+1),p(i+1,j-α/2,n),p(i-1,j+α/2,n)}
    mean_pixel = (median_pixel + pspatial(i,j,n))/2
  ELSE IF{min(p(i+1,j,n),p(i-1,j,n)) ≤ ptemporal(i,j,n) ≤ max(p(i+1,j,n),p(i-1,j,n))} then
    median_pixel = Median{p(i,j-K/2,n-1),ptemporal(i,j,n),p(i,j+K/2,n+1),p(i+1,j-α/2,n),p(i-1,j+α/2,n)}
    mean_pixel = (median_pixel + ptemporal(i,j,n))/2
  ELSE IF{min(p(i+1,j-α/2,n),p(i-1,j+α/2,n)) ≤ ptemporal(i,j,n) ≤ max(p(i+1,j-α/2,n),p(i-1,j+α/2,n))} then
    median_pixel = Median{p(i,j-K/2,n-1),ptemporal(i,j,n),p(i,j+K/2,n+1),p(i+1,j-α/2,n),p(i-1,j+α/2,n)}
    mean_pixel = (median_pixel + pspatial(i,j,n))/2
  ELSE
    median_pixel = Median{p(i,j,n-1),pspatial(i,j,n),p(i,j,n+1),p(i+1,j-α/2,n),p(i-1,j+α/2,n)}
    mean_pixel = (median_pixel + pspatial(i,j,n))/2
  END IF
  IF(α < δ) then
    pmoving(i,j,n) = mean_pixel
  ELSE
    pmoving(i,j,n) = Median{p(i-1,j,n),mean_pixel,p(i+1,j,n)}
  END IF
END IF

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